

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number
WO 2004/013112 A1(51) International Patent Classification⁷: C07D 263/52,
277/70, 498/04, 513/04, 263/46, 277/36, 233/84, 271/10,
285/125 // (C07D 498/04, 263:00, 221:00) (C07D 513/04,
277:00, 221:00)CULBERTSON, Deborah, L. [US/US]; 6400 Vintage
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(21) International Application Number:

PCT/EP2003/008397

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(22) International Filing Date: 30 July 2003 (30.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/399,732

1 August 2002 (01.08.2002) US

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.(71) Applicant (for all designated States except US): BASF
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wigshafen (DE).(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

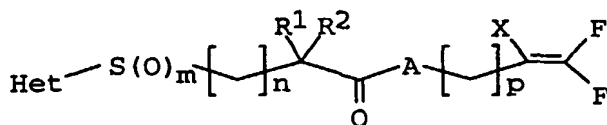
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Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendmentsFor two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PESTICIDAL FLUOROALKENE DERIVATIVES



(I)

(57) Abstract: Pesticidal fluoroalkene
derivatives (I) wherein A is oxygen, NR^a;
R^a is hydrogen; optionally halogenated
alkyl, alkenyl, alkynyl; X is hydrogen,
halogen; optionally halogenated alkyl
or phenyl; R¹, R² are hydrogen, halogen,
hydroxyl, cyano, nitro, mercapto, amino;alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkylthio, alkylamino, dialkylamino, alkoxycarbonyl, alkylcarbonyloxy, optionally
halogenated or substituted by 1 to 3 R^b groups: R^b is cyano, nitro, halogen, hydroxy, mercapto, amino, carboxyl, aminocarbonyl,
aminothiocarbonyl; optionally halogenated alkyl, haloalkyl, alkenyl, alkenyloxy, alkynyl, alkoxy, haloalkoxy, alkylthio, alkylamino,
dialkylamino, formyl, alkylcarbonyl, alkylsulfonyl, alkoxy sulfonyl, alkoxy sulfonyloxy, alkoxy sulfonyl, alkylcarbonyloxy,
alkylaminocarbonyl, dialkylaminocarbonyl, alkylaminothiocarbonyl, dialkylaminothiocarbonyl, alkylenedioxy or cycloalkyl;
Het is a monocyclic or bicyclic 3- to 10-membered heteroaromatic ring system containing 1 to 5 heteroatoms selected from
oxygen, sulfur and nitrogen, optionally halogenated or substituted by 1 to 4 R^c groups: R^c is R^b, alkoxyalkyl, alkylsulfinyl,
alkylaminosulfonyl, di-alkylaminosulfonyl, alkylcarbonylamino, optionally substituted by halogen or 1 to 3 cyano, hydroxy,
mercapto, amino, C1-C6-alkylthio, C1-C6-alkylamino, di-C1-C6-alkylamino, C1-C6-alkoxycarbonyl, C1-C6-alkylcarbonyloxy
or nitro groups; cycloalkyl, cycloalkoxy, saturated or partially unsaturated heterocyclyl, heterocyclyloxy, aryl, aryloxy, arylthio,
arylalkoxy, arylalkyl, hetaryl, hetaryloxy, hetarylthio, optionally substituted; m is 0-2; n is 0-3; p is 0-6, methods for the preparation
of compounds I, compositions and methods comprising the compounds and compositions for the control of nematodes, insects,
arachnids, harmful fungi and unwanted plants, and for treating, controlling, preventing and protecting warm-blooded animals, fish
and humans against infestation and infection by helminths, arachnids and arthropod endo- and ectoparasites.